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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/066,966
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	First Named Inventor	Yuan et al.
	Group Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	APR 15 2002

ENCLOSURES (check all that apply)

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Remarks

enclosed are formal drawings for the above-referenced application - 10 sheets

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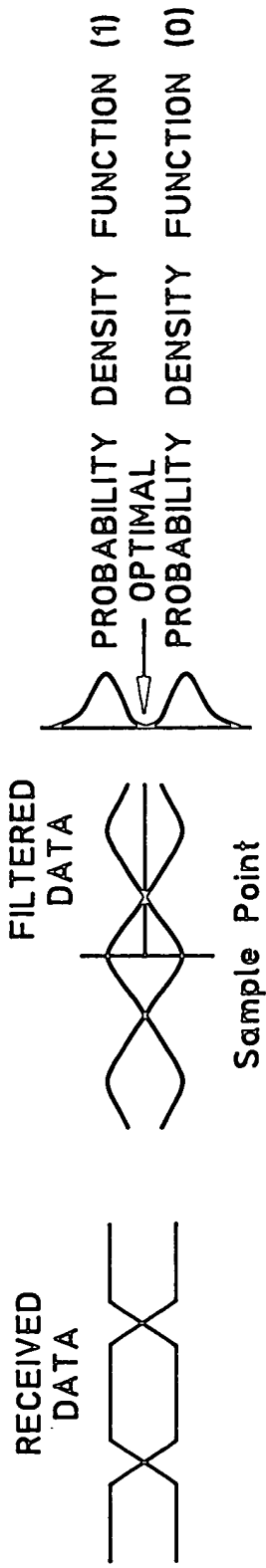
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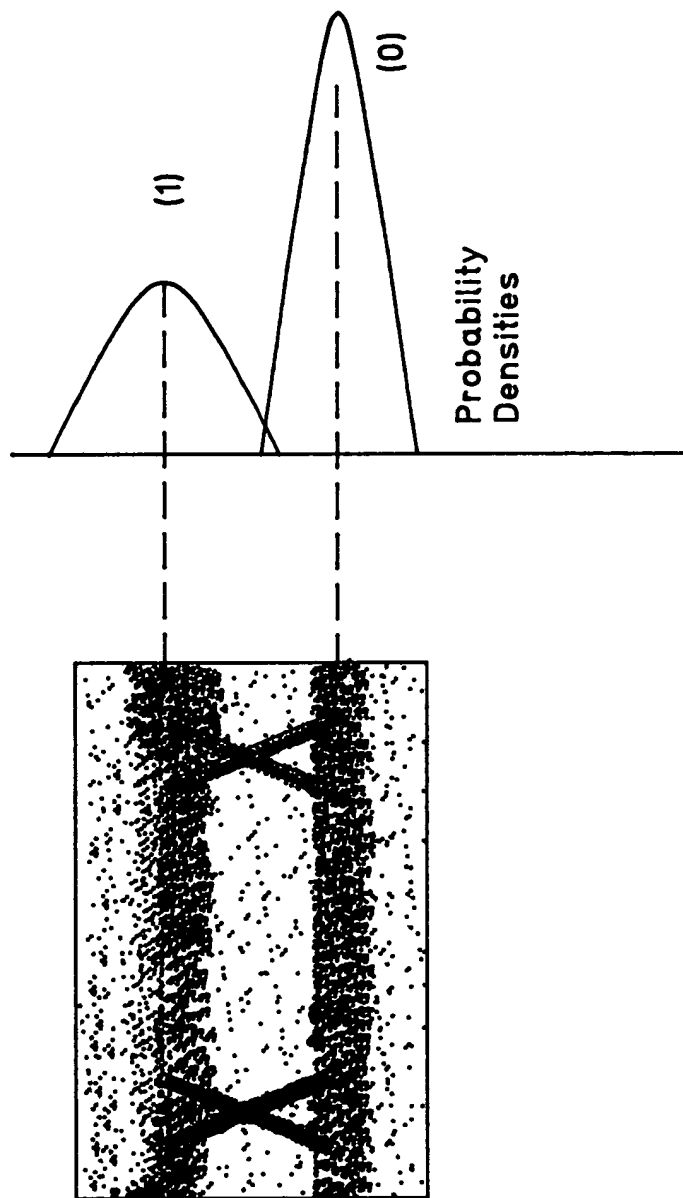


FIG. 3 (PRIOR ART)



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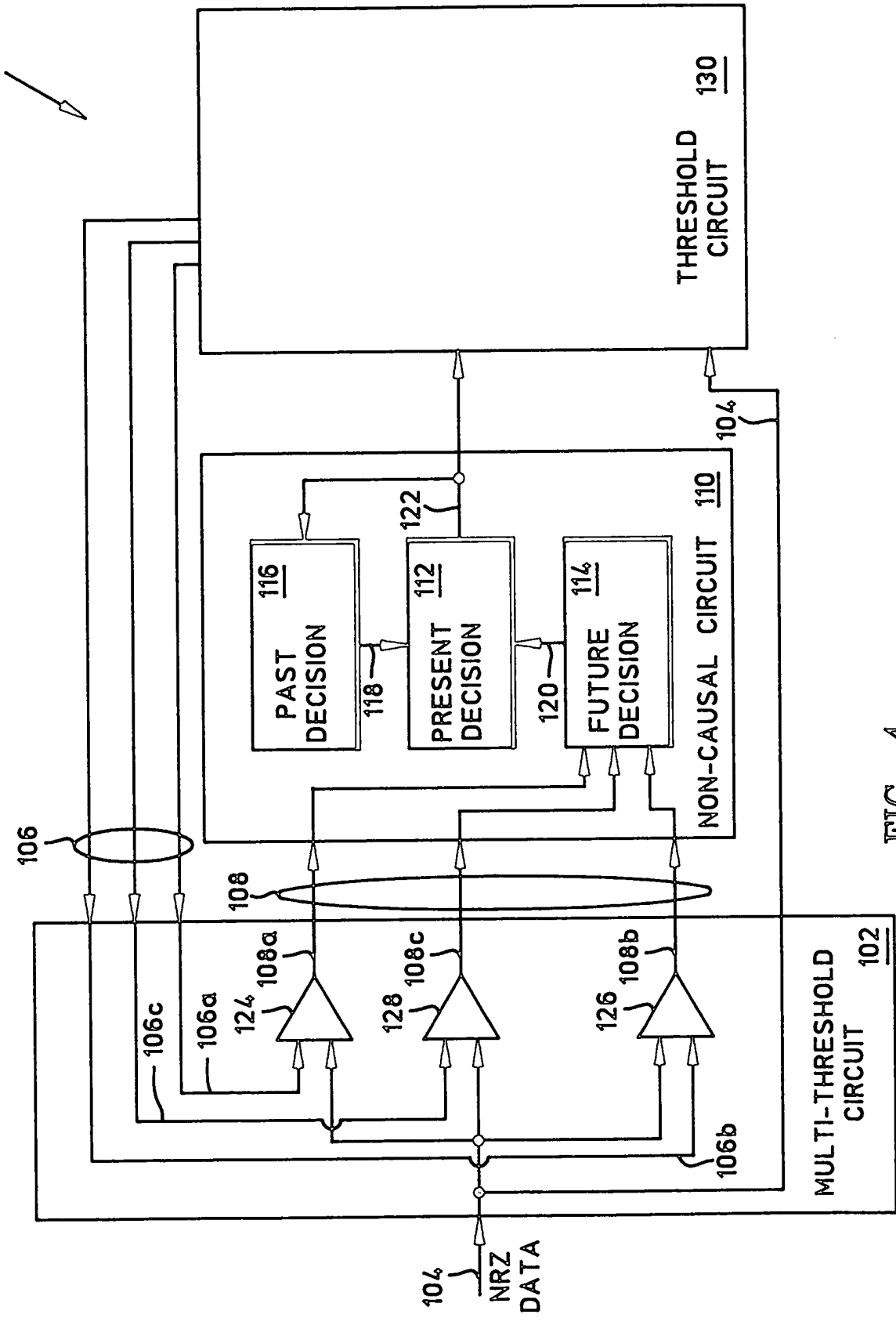


FIG. 4



NRZ DATA STREAM
INPUTS

V1	DEFINITE "1"
Vopt	"0" IF BOTH 2nd AND 3rd BIT VALUE DECISIONS ARE "1"
	"1" IF ONLY ONE OF THE 2nd AND 3rd BIT VALUE DECISIONS IS A "1"
	"1" IF BOTH 2nd AND 3rd BIT VALUES ARE "0"
V0	"1" IF BOTH 2nd AND 3rd BIT VALUE DECISIONS ARE "0"
	"0" IF ONLY ONE OF THE 2nd AND 3rd BIT VALUE DECISIONS IS A "0"
	"0" IF BOTH 2nd AND 3rd BIT VALUES ARE "1"
	DEFINITE "0"

FIG. 5

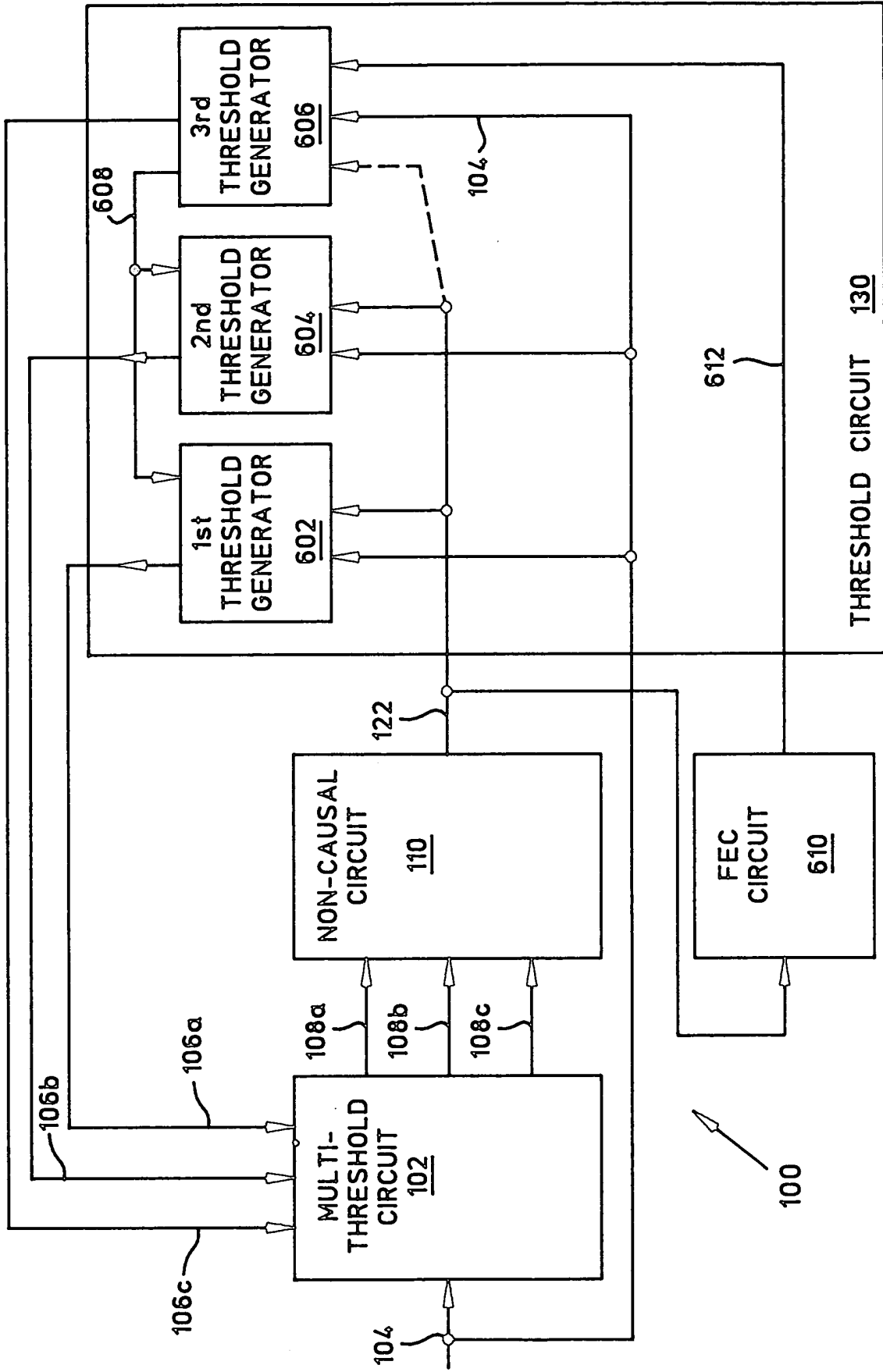


FIG. 6

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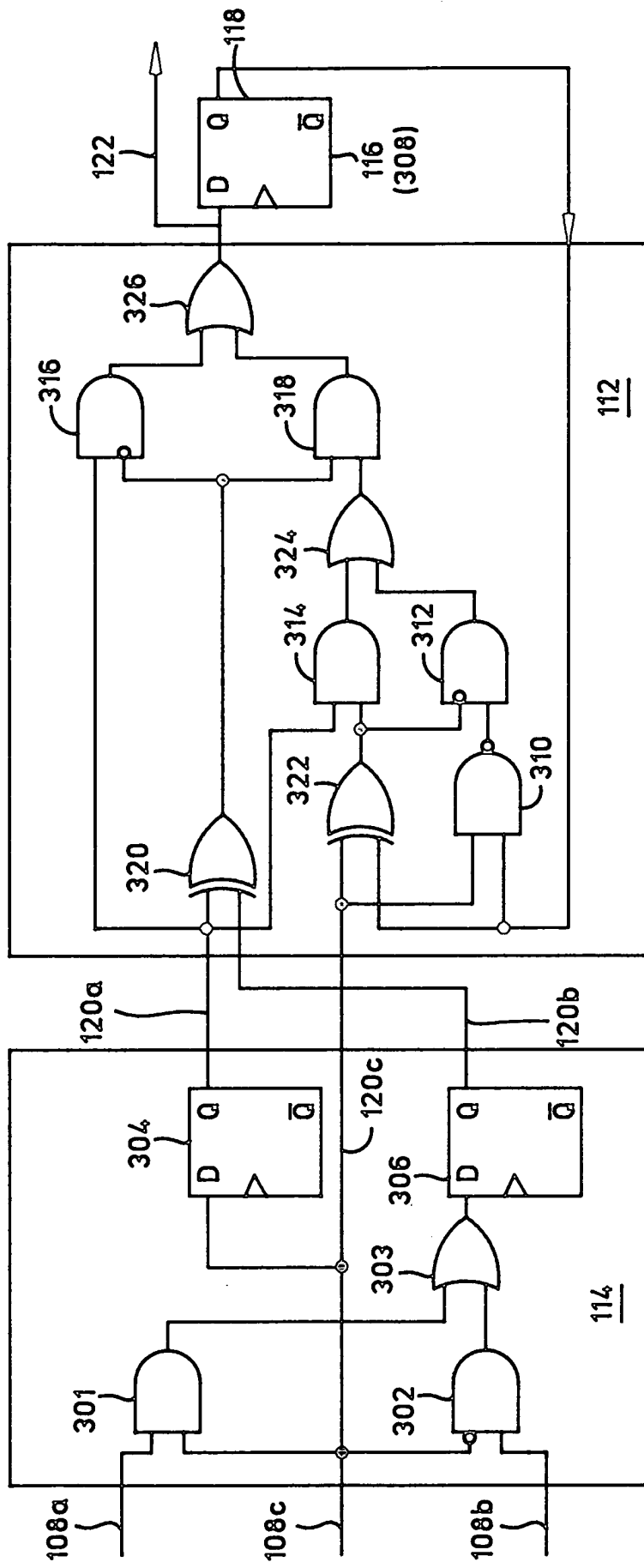


FIG. 7a



FIRST BIT		ESTIMATE		2nd BIT	3rd BIT	1st BIT
line	120a	120b	VALUE	VALUE	VALUE	VALUE
0	0	0	0	0	0	0
0	0	0	0	0	1	0
0	0	0	1	1	0	0
0	0	0	1	1	1	0
0	0	1	0	0	0	1
0	0	1	0	0	1	0
0	0	1	1	1	0	0
0	0	1	1	1	1	0
1	0	0	0	0	0	1
1	0	0	0	0	1	1
1	0	0	1	1	0	1
1	0	0	1	1	1	0
1	1	1	0	0	0	1
1	1	1	0	0	1	1
1	1	1	1	1	0	1
1	1	1	1	1	1	1

FIG. 7b

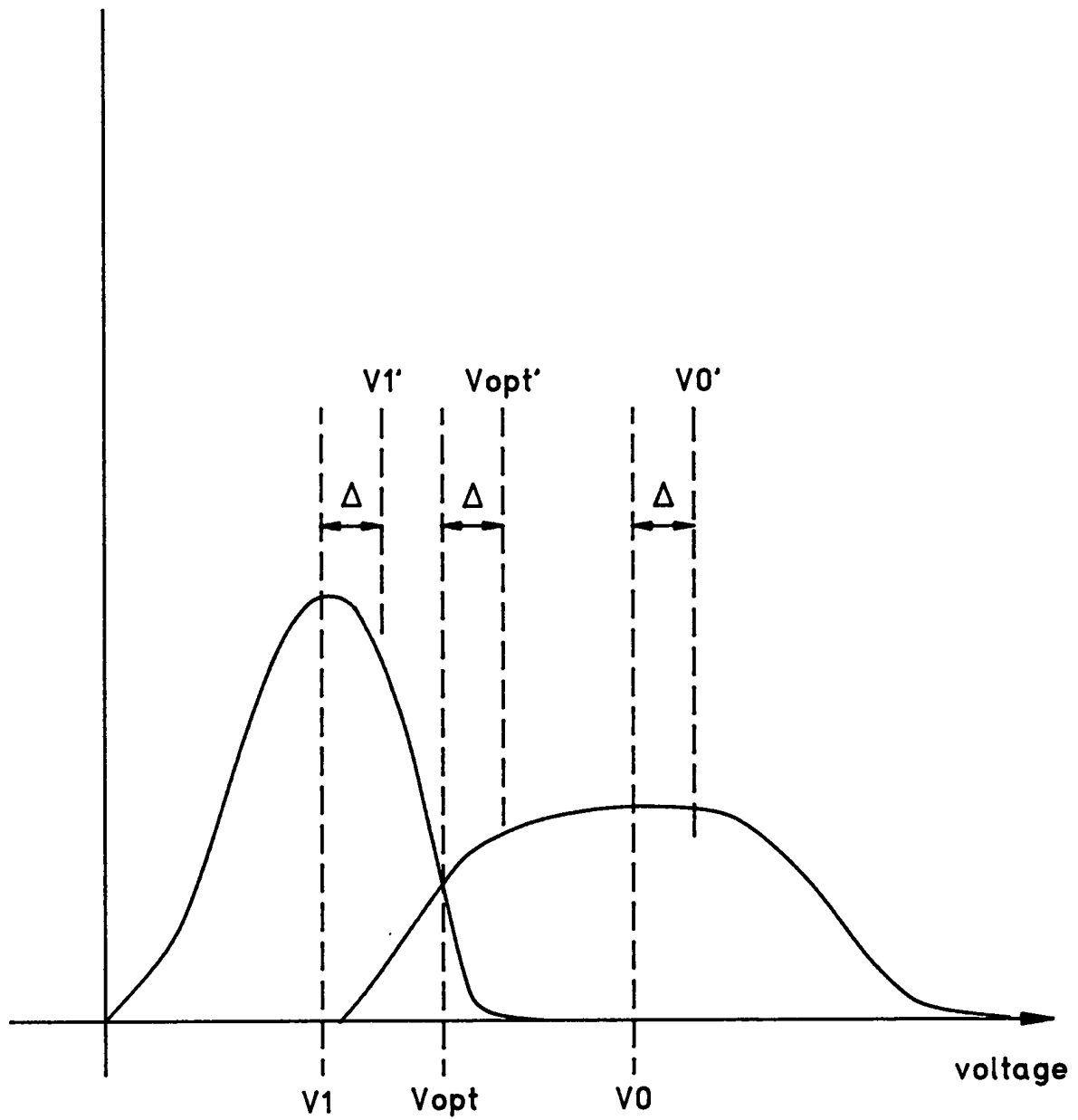


FIG. 8

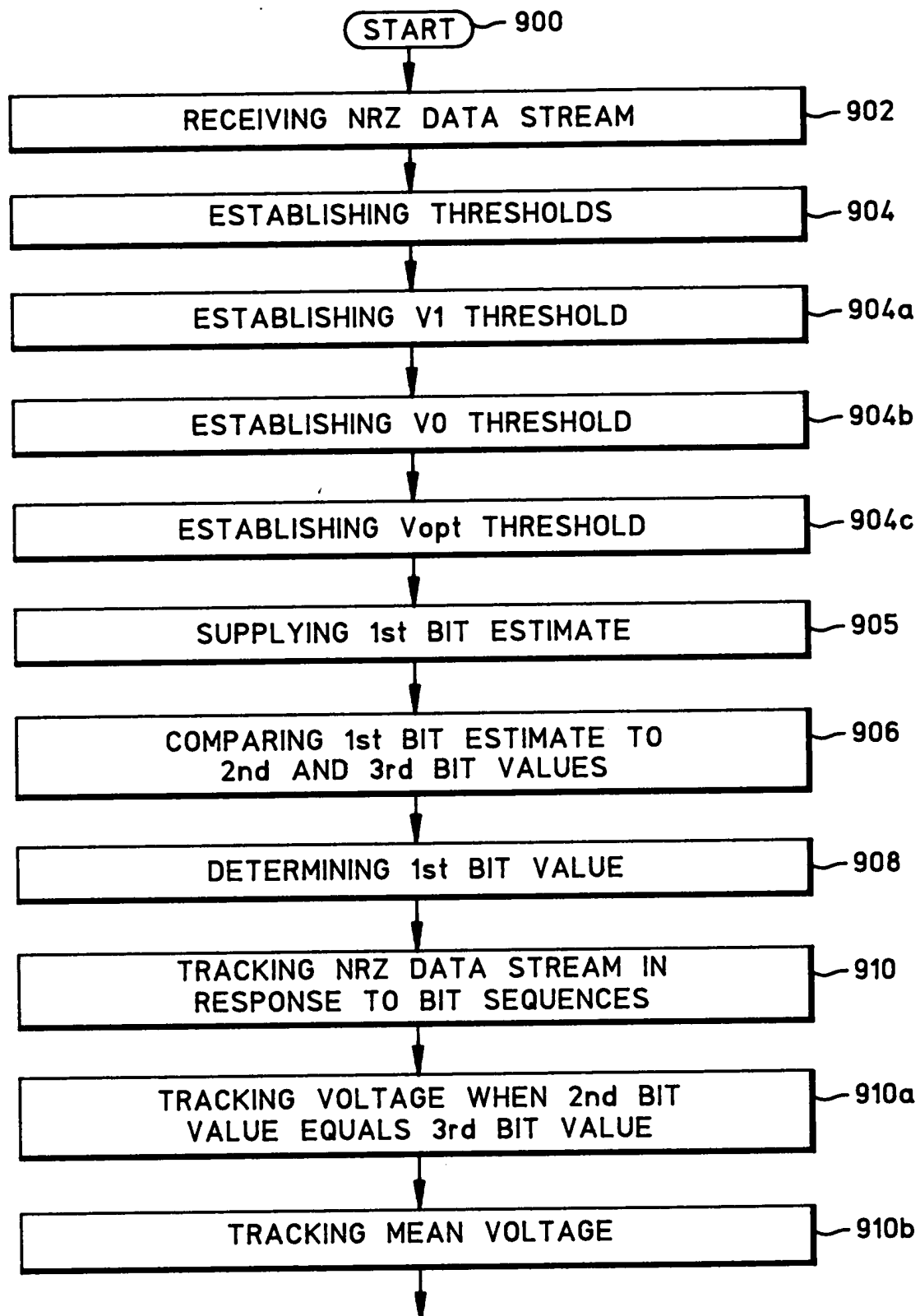


FIG. 9a

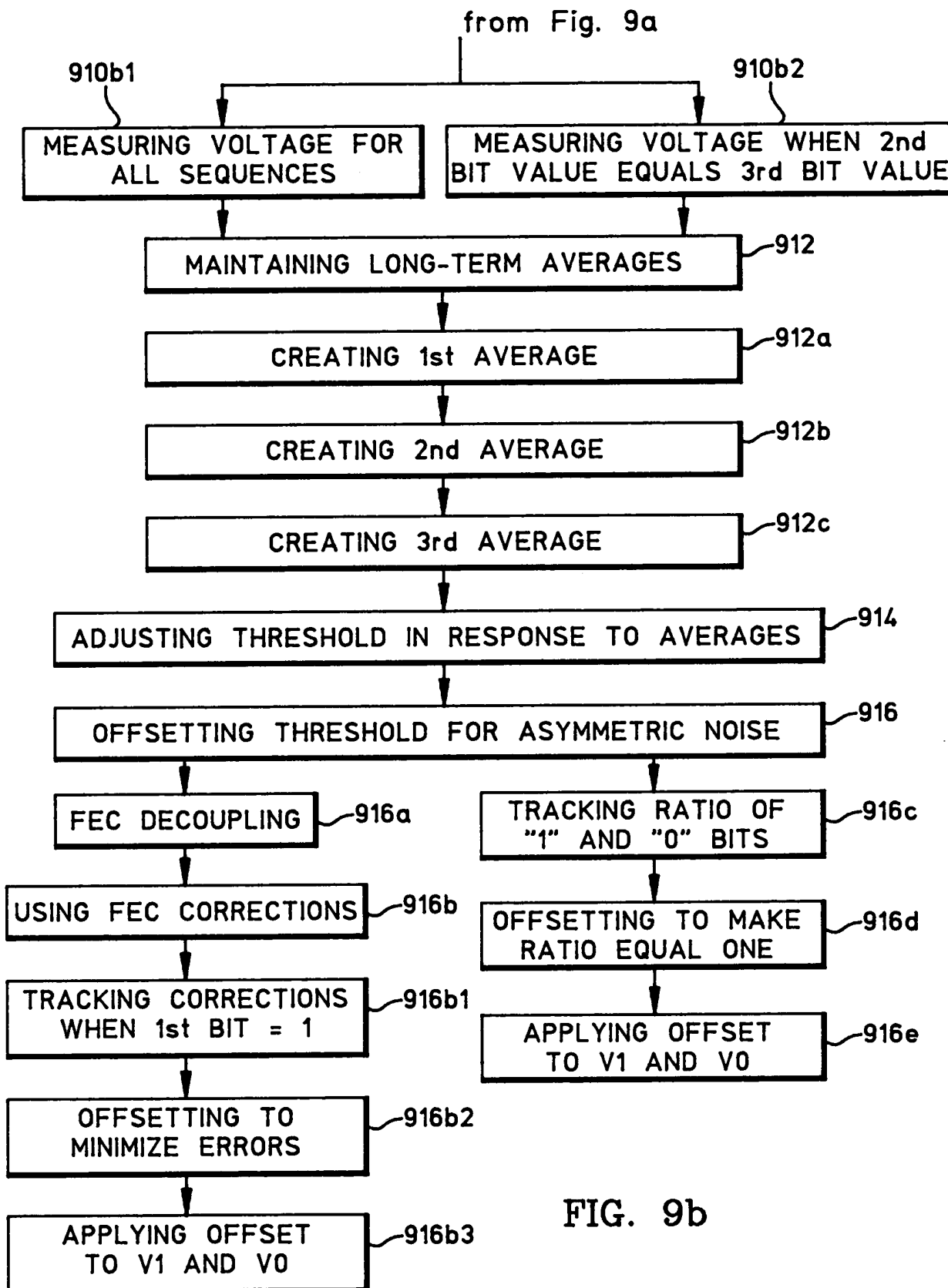


FIG. 9b